

It- #1

## REPORT FORM

## ON-SITE DISPOSAL OF SOLID WASTE

Health District:

Date Received:

New solid waste disposal regulations adopted by the Ohio Environmental Protection Agency in July, 1976, require the approval, licensing and inspection of all on-site solid waste disposal facilities. On-site facilities are those solid waste facilities where waste materials are generated and disposed of at the same location. These wastes may include solid, semi-solid, liquid and toxic and hazardous wastes.

In order for the health department and the Ohio EPA to properly implement these new regulations the following information is needed:

Name of Facility CANTON DROP FORGE CO.Address of Facility 4575 SOUTHWAY S.W. CANTON O. 44706Name of Facility Administrator TONY ENGLETitle MAINTENANCE SUPERVISOR Telephone 477-4511 ex 79

Description of Waste Materials.  
Include chemical name of liquids  
or hazardous wastes.

Quantities of Waste Materials

Solids BRICK, GRADE SWEEPINGS, PAPER, RAGS,10 cu. yds /WKBARRELS, WOODSemi-solids (sludges) OIL (IN A DRUM)5.5 GAL /WKLiquids NONEHazardous wastes NONEDate waste disposal facility began operation JUNE 1976

According to EP-20-09(K) this disposal facility will:

(X) Continue operation as a licensed site

( ) Cease operation

Information provided by

STEPHEN F. BOZAK <sup>STAFF</sup> SENITORIAN  
Name Title

6/1/77  
Date

OEPA 60-10(11/76)

CEC  
WFB  
F. B. B.  
S. B. B.

CDF001830

It... #2

(F. 11-11-78)  
TE  
WFB  
EZ  
J. B. 11-11-78  
11-11-78

# STARK COUNTY HEALTH DEPARTMENT

209 West Tuscarawas Street

CANTON, OHIO 44702

Telephone: 456-8336

LLOYD L. DOWELL, M.D.  
Health Commissioner

C. J. SWALLEN  
President, Board of Health

BOARD MEMBERS:  
RONALD KEILIN, DDS  
GRANT A. MASON, JR., M.D.  
MRS. RUTH HARBOLD  
MRS. BERTHA HALLAS  
J. H. KARLEN  
REV. OTTO GERBER, D.D.

April 18, 1978

Canton Drop Forge Co.  
4575 Southway S. W.  
Canton, Ohio

Att: Mr. Tony Engle

Dear Mr. Engle:

As per results of our recent survey of our solid waste you will be required to submit plans for your method of disposal of solid waste from your plant at the Canton Drop Forge plant at 4575 Southway S. W., Canton, Ohio.

The operator of a solid waste facility under 3745-27-09-K is required to submit a plan to the Ohio E. P. A. for approval.

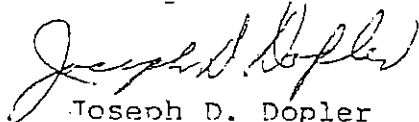
Enclosed is the time table which you are required to have your plans submitted. You will note Stark County is labeled July 1-78.

Also enclosed is the copy of the Solid Waste Disposal Regulations.

If you have any questions as to what would be acceptable from the Ohio E. P. A. you are directed to contact Mr. Mark Bergman, Ohio E. P. A. office, 2110 E. Aurora Rd., Twinsburg, Ohio, 425-9171.

Very truly yours,

Lloyd L. Dowell, M. D.  
County Health Commissioner



Joseph D. Dopler  
Public Health Sanitarian  
Administrator  
JDD/jg  
Enc. (3)

CDF001831

ON SITE DISPOSAL REPORT

INSTRUCTIONS

The following data should be prepared in the form of a concise listing and commentary on standard size (8 1/2 x 11) paper under the signature of the Health Commissioner. Special current or potential problems with given facilities should be highlighted.

1. Name and address of the on-site facility, street/road, city, county, and zip code.
2. Name and title and phone number of person responsible for operation of the facility.
3. Description and approximate amounts of wastes disposed of, e.g. dry industrial, packaging waste, commercial refuse, etc. Semi-solid, liquid and hazardous waste should be described in greater detail, i.e., type of industrial sludge or liquid, physical and chemical properties, chemical name.
4. Date the facility began operations. (In order to determine whether a plan approval may be required in accordance with Chapter 3734 ORC.)
5. Indicate, if possible, whether the facility is expected to remain in operation beyond date indicated for compliance in EP 20-09(K) (and therefore require licensing, inspection, etc.)

In the process of gathering the above information regarding on-site disposal it is particularly important that you approach the affected industries in a positive manner and clearly explain the responsibilities imposed by the new disposal regulations. OEPA district sanitarians and engineers will work closely with you in this cooperative effort and provide appropriate technical assistance and support.

This report will be discussed in greater detail at each of the meetings to be held in September to discuss the new solid waste disposal regulations.

LE  
WFB  
FZelling  
Legal J. Beck  
**Ohio EPA**

Re: Compliance with OAC 3745-27-09(K)  
Stark County Health Department



Stark County Health Department  
209 West Tuscarawas Street  
Canton, OH 44702

April 5, 1978

Dear Board of Health Members:

On 1 July 78, compliance with rule OAC 3745-27-09(K) must be met by all such concerns affected within your jurisdictions.

Compliance will be determined on basis of information submitted by each concern meeting the criteria set forth in rule OAC 3745-27-09(K)(2), page 27 of the enclosed.

Since your Board of Health will be the licensor, your Department of Health has the responsibility to notify each affected concern within your jurisdiction.

If there are any questions, please contact:

I. Mark Berman, if you are located within one of the following counties:

A. Ashtabula	E. Medina
B. Columbiana	F. Stark
C. Lake	G. Wayne
D. Mahoning	

II. Jack Berman, for the following:

A. Cuyahoga	D. Portage
B. Geauga	E. Summit
C. Lorain	F. Trumbull

These two may be contacted at (216) 425-9171, the Northeast District Office of the Ohio Environmental Protection Agency.

If there are no such concerns affected within your jurisdiction, would you so notify one of the above named people.

State of Ohio Environmental Protection Agency  
Northeast District Office  
2110 E. Aurora Road, Twinsburg, Ohio 44087 • (216) 425-9171

James A. Rhodes, Governor  
Ned E. Williams, P.E., Director

CDF001833

CEC  
TC  
WFB  
FZellinger

(2) a narrative description of:

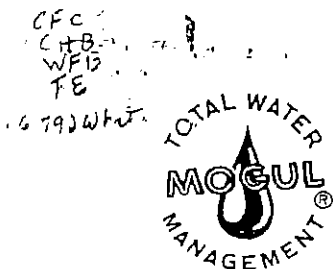
- (a) if any area is being excavated prior to deposit of waste materials, the specific criteria which will determine the maximum depth of excavation (for example, "This area will be excavated to the upper surface of the Bedford shale."); and
- (b) current methods of operation, including:
  - (i) methods of receiving and unloading loaded vehicles; and
  - (ii) orientation and location of daily cells; and
  - (iii) procedures and techniques for compacting and covering waste materials; and
  - (iv) methods, if any, used for control of odors, noise, litter, and leachate; and
  - (v) weights, and types of equipment used to operate the site or facility; and
  - (vi) types of wastes received, and approximate weekly quantity of each type; and
- (c) a description of how the facility will be closed.

(K) (1) the operator of each solid waste disposal facility which was not subject to Chapter 3745-26 of the Regulations of the Ohio EPA shall submit the report as described in paragraph (J) above, and may submit applications for waivers under Regulation 3745-27-11, in accordance with the following schedule:

<u>County</u>	<u>Deadline for Operational Report Submission</u>
Cuyahoga Lucas Franklin	January 1, 1978
Butler Columbiana Hamilton Lake Lorain Mahoning	April 1, 1978
Montgomery Stark Summit Trumbull	July 1, 1978

<u>County</u>	<u>Deadline for Operational Report Submission</u>
Allen	October 1, 1978
Ashtabula	
Clark	
Crawford	
Erie	
Fairfield	
Fulton	
Geauga	January 1, 1979
Hancock	
Licking	
Marion	
Medina	
Miami	April 1, 1979
Muskingum	
Portage	
Richland	
Sandusky	
Tuscarawas	
Wayne	
Wood	July 1, 1979
All other Counties	

- (2) For facilities subject to paragraph (1) above which were established on or after July 1, 1968, the Director may require the operator to submit detail plans, specifications, and information in accordance with Regulation 3745-27-06 to the operational report. The Director shall impose this requirement, if, on the basis of such factors as the location, geology, or hydrology of the site; the characteristics of the waste materials received; or the operation of the facility, he determines that there exists a substantial threat of water pollution or a potential health hazard. The operator shall submit such detail plans, specifications, and information within one hundred eighty days after being notified of this requirement.



# THE MOGUL CORPORATION

WATER TREATMENT PRODUCTS AND SERVICES SINCE 1915  
P.O. BOX 200 · CHAGRIN FALLS, OHIO 44022 · (216) 247-5000 · TELEX NUMBER 98-0324

It-13

June 20, 1978

Mr. Carl F. Cavender, President  
Canton Drop Forging and Mfg. Company  
4575 Southway Street, S.W.  
Canton, Ohio 44706

REFER: P.O. #58515 -- Solid Waste Disposal Study

Dear Mr. Cavender:

As per our phone conversation today, attached are four (4) copies of the operational report on disposal of solid wastes at your plant.

If the report meets with your approval, you should submit one copy to each of the following governmental agencies before July 1, 1978, as required by Regulation OAC 3745-27-09 (K):

- 1) Stark County Health Department  
209 West Tuscarawas Street  
Canton, Ohio 44702  
ATTN: Lloyd L. Dowell, M.D.  
County Health Commissioner
- 2) Ohio Environmental Protection Agency  
Northeast District Office  
2110 East Aurora Road  
Twinsburg, Ohio 44087  
ATTN: Mr. Jack Burgan

According to the current Ohio regulations, after the Stark County Health Department has reviewed your operational report, they will advise you of any additional requirements that must be met, i.e., permit application forms, etc.

Very truly yours,

THE MOGUL CORPORATION

Albert R. Yeats, P.E.  
Senior Project Engineer

/se

Enclosures

#### PLANTS AND LABORATORIES

Arlington, TX • Chagrin Falls, OH • Charlotte, NC • Windsor, CT • Los Angeles, CA • Minneapolis, MN • Phoenix, AZ • Portland, OR  
Canada: Winnipeg, Manitoba; Montreal, Quebec • Australia: The Nightingale Supply Co. Ltd., Sydney, N.S.W. • Japan: Nippon Rensui Co., Tokyo

CDF001836

OPERATIONAL REPORT

SOLID WASTE DISPOSAL SITE

AT

CANTON DROP FORGING & MFG. CO.

4575 Southway Street S.W.

Canton, Ohio

REPORT NO. CDF-58515

DATE: June 7, 1978

STATE OF OHIO

County of Stark

Carl F. Cavender, being first duly sworn,  
disposes and says:

I hereby certify that this report, with accompanying drawings and  
other information, is true and correct to the best of my knowledge and belief.

Carl F. Cavender  
Signature / Title President

Acknowledged before me this 21st day of June, 19 78.

My commission expires Dec. 21, 1982.

Maria Poplaccan  
Notary Public

MARIA POPLACCAN  
Notary Public State of Ohio  
My Commission Expires Dec. 21, 1982

CDF001837



June 7, 1978

OPERATIONAL REPORT  
SOLID WASTE DISPOSAL SITE

CANTON DROP FORGING & MFG. CO.

CANTON, OHIO

GENERAL:

The CANTON DROP FORGING & MFG. CO. operates a solid wastes disposal facility on land which they own adjacent to their plant at 4575 Southway Street S.W., Canton, Ohio.

The location is at a natural depression; is completely fenced in, and is used for disposing of only waste materials generated by the manufacturing operations of CANTON DROP FORGING.

Drawing #CDF-58515 attached, is a layout of the plant property, showing the manufacturing buildings and the waste disposal site. Two (2) ponds are located within the waste disposal area. These are man-made excavations for collecting and treating the plant process water. All oils in the process water are "trapped" in the first pond (Zone "A") so that they can be safely disposed of by hauling away, while the clarified water is pumped over to the second pond (Zone "B"), and stored.

This site shall be operated only by the placement of wastes onto the existing ground to fill in natural surface depressions. No excavations are planned except, perhaps to scrape the surface dirt into piles to use as cover material in the future.

CDF001838

TYPES AND QUANTITIES OF WASTE MATERIALS:

	<u>TYPE</u>	<u>VOLUME/WEEK</u>
1.	Demolition Wastes, Bricks, Concrete, etc. -----	Sporadic; volume generated depends upon maintenance schedule
2.	Slag & Ashes -----	21 Tons (Avg.)
3.	Paper, Wood Pallets -----	2 Cu. Yards
4.	Waste Oil in Drums -----	3-4 Drums
5.	Floor Sweepings, Trash & Rags -----	1 Cu. Yard
6.	Lime/Soda Softener Sludge -----	3/4 Ton (Avg.)
7.	Boiler Stack Scrubber Sludge (Gypsum) -----	Future

METHODS OF OPERATION:

Past:

All wastes were hauled to Zone "A" and dumped into the low areas, compacted as necessary and then covered by demolition wastes, slag, sludge and floor sweepings or dirt. The waste oil in drums were buried in this same area.

Scrap metal parts, old machinery and other salvageable materials were usually stockpiled in the middle portion of the area and sold as scrap whenever the market price was high.

Present:

Zone "B" has been designated for disposal of demolition wastes, concrete and other exempt materials. These materials are piled around the water pond and around the fence line. When the Zone has been filled to the heights shown on Drawing #CDF-58515-A (attached), the area will be "closed". All scrap materials presently within the Zone are being moved to the Scrap Piles for sale.

Present: (Cont'd.)

Zone "A" will continue to receive the manufacturing wastes, and softener sludges. In the near future, the stack scrubber sludge will be added to this Zone for disposal. All wastes shall be compacted and leveled off. Any water shall drain to the first water pond for oil separation and solids settling.

All waste oils, trash, wood and paper waste has been contracted for haulaway disposal.

The SALVAGE area will continue to be used for segregation and stockpiling of all salvageable material until such time as the market price for scrap justifies its sale.

COVER MATERIALS:

At the present time, slag and ashes, softener sludge and demolition wastes are used as the cover material.

That area of Zone "A" that had already been filled to final ground elevation has been compacted and is being used as a die storage area.

EQUIPMENT:

The following equipment is being used at the waste disposal site:

- 1 - Tractor equipped with front-end loader
- 1 - #D-8 Bulldozer (rented)

SITE CLOSING:

At such time as both Zone "A" and Zone "B" have been filled to the elevations shown on Drawing #CDF-58515-A, the entire area shall be covered with dirt, seeded with grass to provide suitable cover vegetation and the site "closed off".

Probably the SALVAGE area will continue to be used for segregating and stockpiling of salvageable material.

THE CANTON DROP FORGING & MFG. CO. It. - "3a



4575 SOUTHWAY STREET, S. W.  
P. O. BOX 6902  
CANTON, OHIO 44706



[216] 477-4511

June 21, 1978

Ohio Environmental Protection Agency  
Northeast District Office  
2110 East Aurora Road  
Twinsburg, Ohio 44087

Att: Mr. Jack Burgan

Dear Mr. Burgan:

As required by Regulation OAC 3745-27-09 (K), we are submitting one copy of Operational Report Solid Waste Disposal Site at The Canton Drop Forging & Mfg. Company.

Also enclosed is one Dwg. CDF 58515 and one Dwg. CDF 58515A.

We are also sending a copy of this report and the two drawings to the Stark County Health Dept., Canton, Ohio.

We will await your further advice regarding any additional requirements.

Very truly yours,

THE CANTON DROP FORGING & MFG., CO.

Carl F. Cavender - President

CFC/mp

encl.

cc: CFC  
CHB  
WFB  
TE

3/6/78 - WFB

DROP FORGINGS FOR PARTICULAR USERS SINCE 1903

Certify Mail 677798

CDF001842

THE CANTON DROP FORGING & MFG. CO. *IT-36*



4575 SOUTHWAY STREET, S. W.  
P. O. BOX 6902  
CANTON, OHIO 44706

(216) 477-4511

June 21, 1978

Stark County Health Department  
209 West Tuscarawas Street  
Canton, Ohio 44702

Att: Lloyd L. Dowell, M.D.  
County Health Commissioner

Dear Dr. Dowell:

As required by Regulation OAC 3745-27-09 (K), we are submitting one copy of Operational Report Solid Waste Disposal Site at The Canton Drop Forging & Mfg. Company.

Also enclosed is one Dwg. CDF 58515 and one Dwg. CDF 58515A.

One copy of this report and the two drawings are also being sent to the Ohio EPA in Twinsburg, Ohio.

We will await your further advice regarding any additional requirements.

Very truly yours,

THE CANTON DROP FORGING & MFG. CO.

Carl F. Cavender - President

CFC/mp

encl.

CC: CFC  
CHB  
WFB  
TE

5/6/79 JH

DROP FORGINGS FOR PARTICULAR USERS SINCE 1903

Certify No. 677799

CDF001843



RE: Solid Wastes  
Stark County  
Canton Drop Forge & Mfg. Co.  
Operational Report

It-14



Mr. Carl F. Cavender, President  
Canton Drop Forge and Mfg. Co.  
P.O. Box 6902  
Canton, Ohio 44706

December 8, 1978

Dear Mr. Cavender:

This office has reviewed your operational report submitted on June 21, 1978. That review indicates that the following items in that report need additional detail in order to meet this Agency's requirements:

1. No sludge or liquids may be disposed of on this property without you obtaining a Permit to Install to dispose of that type of waste (OAC 3745-27-09 (C)). Plans should be submitted following the guidelines set forth in OAC 3745-27-06.
2. Is there any discharge from the ponds on your property?
3. Please elaborate further on what other "exempt" material will be disposed of in zone "B".
4. Cover material must meet the standards specified in OAC 3745-27-09 (F). The combination of slag, sludge, ashes and demolition wastes do not meet those requirements.

If you have any questions on this matter, please call this writer at 425-9171.

Sincerely,

Lynn A. Clark, P.E.  
Section Chief, OLPC

LAC/jtt

cc: Joe Dopler, Stark Co. H. D.  
Dan Redman C.O.



# THE MOGUL CORPORATION

WATER TREATMENT PRODUCTS AND SERVICES SINCE 1915  
P.O. BOX 200 · CHAGRIN FALLS, OHIO 44022 · (216) 247-5000 · TELEX NUMBER 98-0324

December 27, 1978

*[Handwritten scribble]*

Mr. Carl F. Cavender, President  
Canton Drop Forging & Manufacturing Co.  
4575 Southway Street, S.W.  
Canton, Ohio 44706

Reference: Operational Report #CDF-58515; Solid Waste Disposal Site  
at Canton Drop Forge.

Dear Mr. Cavender:

As per your request, I've met with Messrs. Lynn Clark and Mark Bergman at the N.E. District Office, Ohio EPA, to discuss further those questions raised by their review of your operational report. Those four (4) questions, and a summary of their responses and discussions will comprise this letter report to you:

Questions 1.

"No sludge or liquids may be disposed of without a Permit authorizing disposal of that type of waste. Permit Applications and Plans should be submitted as per OAC-3475-27-06."

Discussion: The amount of detail that must be submitted with the Permit Application and Plans will depend upon how much specific information is known about the hydrogeological character and ground water quality of the site; plus what types of wastes and their leaching characteristics, etc. would be present.

Sludges must contain a minimum of 30-35% solids. Waste oils are prohibited.

Waivers on some of the operating requirements can be granted if certain conditions are met, i.e., daily covering of the working face if solid wastes don't attract vermin, no air pollution hazards and pass leaching tests.

Question 2.

"Is there any discharge from the ponds on your property?"

Discussion: They will accept your answer of "no known discharge", for now, since the oil-contaminated ponds have an impermeable bottom. The third pond (containing the fish) can be tested periodically to determine the presence of pollutants.

PLANTS AND LABORATORIES

Arlington, TX • Chagrin Falls, OH • Charlotte, NC • Windsor, CT • Los Angeles, CA • Minneapolis, MN • Phoenix, AZ • Portland, OR  
Canada: Winnipeg, Manitoba; Montreal, Quebec • Australia: The Nightingale Supply Co. Ltd., Sydney, N.S.W. • Japan: Nippon Rensui Co., Tokyo

CDF001845



Mr. Carl F. Cavender  
Canton Drop Forge

- 2 -

December 27, 1978

Question 3.

"Elaborate further on what other "exempt" material will be deposited in Zone "B".

Discussion: For your "slag and ashes" to qualify as exempt, leachate tests must be performed on representative samples of each ash and slag. If they pass, they will be classes as exempt under Ohio regulations and can be disposed of in Zone "B" without cover or permit, assuming no dust hazard, etc.

Question 4.

"Cover materials must meet the standards specified in OAC 3475-27-09 (F)."

Discussion: The cover materials must be soils of the classification listed in the regulations, or other earth materials that the Director or Health Commissioner has approved as having good cohesiveness and compactability as well as low permeability to rainwater.

The regulations state that you have 30 days in which to respond to Mr. Lynn Clark's letter of December 8, 1978. Indicate in your reply that you will conduct the leachate tests on your "slag and ashes", etc. and that the results will be submitted immediately upon completion.

I am arranging to send you sufficient containers for you to collect representative samples of each type slag and ash (separately), and upon receipt of these samples, MOGUL will conduct the leachate tests against your PO#60163.

The Mogul Corporation would be pleased to work with you to complete the Permit Application and Plans needed to secure your Permit. The best arrangement would probably be for us to work by our Standard Fee Schedule, a copy of the current rates is attached. I will contact you next week to discuss the arrangements, and to answer any questions.

Thank you for using The Mogul Corporation.

Very truly yours,

THE MOGUL CORPORATION



Albert R. Yeats, P.E.  
Senior Project Engineer

ARY/jes

Attachments: Fee Schedule  
Ohio Regulations

CDF001846

FEE SCHEDULE FOR TECHNICAL SERVICES

<u>CLASSIFICATION</u>	<u>HOURLY RATE</u>
Clerical	\$20.00
Technician, Draftsman	\$25.00
Designer, Senior Technician	\$30.00
Engineer, Scientist, Senior Designer	\$35.00
Project Engineer, Senior Scientist, Project Leader	\$40.00
Senior Engineer, Project Manager	\$45.00
Principal Engineer, Scientist	\$50.00

Rates include labor cost, overhead and profit.

Rates are subject to revision upon ninety days notice.

DIRECT CHARGES

The following expenses will be charged at actual cost:

Transportation and living expenses.

Special equipment purchase or rental.

Subcontractors and consultants.

Printing and reproduction.

Laboratory analyses and special equipment fees will be charged at current list prices.

THE MOGUL CORPORATION

THE CANTON DROP FORGING & MFG. CO.



4575 SOUTHWAY STREET, S. W.  
P. O. BOX 6902  
CANTON, OHIO 44706

January 3, 1979

(216) 477-4511

Mr. Lynn A. Clark  
Ohio EPA  
Northeast District Office  
2110 E. Aurora Road  
Twinsburg, OH 44087

RE: Solid Wastes - Stark County  
Operational Report

Dear Mr. Clark:

The following are replies to the questions in your letter of December 8, 1978.

1. Instead of applying for a permit to dispose of our scrubber sludge, which will be approximately 65% solid, we find it more practical to engage a licensed refuse service to haul it away.
2. There is no known discharge from our ponds on our property.
3. The other "exempt" material referred to in Zone B is slag and ashes. In order to qualify for the exempt status, we will have The Mogul Corp. perform the leachate tests on representative samples.
4. We will use cover soil for our Zone A, as required in OAC 3475-27-09 (F) (4). If samples of the soil requires testing, we will engage Mogul to do the work.

Please contact me if there are any further questions regarding this matter.

Very truly yours,

THE CANTON DROP FORGING & MFG. CO.

  
Carl F. Cavender - President

✓  
CFC/m

cc: J. Dopler, Stark Co. Health Dpt.

DROP FORGINGS FOR PARTICULAR USERS SINCE 1903

CDF001848



# THE MOGUL CORPORATION

WATER TREATMENT PRODUCTS AND SERVICES SINCE 1915  
P.O. BOX 200 · CHAGRIN FALLS, OHIO 44022 · (216) 247-5000 · TELEX NUMBER 98-0324

It--7

February 16, 1979

CONFIDENTIAL

Canton Drop Forging & Mfg. Co.  
4575 Southway Street, SW  
Canton, Ohio 44706

ATTENTION: CARL CAVENDER

SUBJECT: WATER ANALYSIS - 8428 & SOLID SAMPLES ANALYSES - 8367

Attached to this letter are the laboratory results obtained from your samples.

We would like to thank you for employing the Mogul Corporation for your environmental needs.

Should there be any questions, please contact me at the above office.

J.C. Story  
Laboratory Manager  
EnviroService Programs

JCS:cs

enclosure

cc: T. Manzell (letter only)

CDF001849

PLANTS AND LABORATORIES

Arlington, TX • Chagrin Falls, OH • Charlotte, NC • Windsor, CT • Los Angeles, CA • Minneapolis, MN • Phoenix, AZ • Portland, OR  
Canada: Winnipeg, Manitoba • Montreal, Quebec • Australia: The Nightingale Supply Co. Ltd. Sydney, N.S.W. • Japan: Nippon Rensai Co. Tokyo

# THE MOGUL CORPORATION

Enviroservice Programs

## ANALYTICAL REPORT

Company: Canton Drop Forging

SIC Number: \_\_\_\_\_

Address: \_\_\_\_\_

Laboratory Reference No: 8367

City, State and Zip: Canton, OH

Date Collected: Not Given

Attention: \_\_\_\_\_

Date Received: 1/16/79

Date Analyzed: available upon request

PARAMETERS & UNITS	SAMPLES						
	BA-1 A & B 24 hour in water	BA-2 A & B 24 hour in water	FS-1 A & B 24 hour in water	FS-2 A & B 24 hour in water			
pH	7.4	1.4	5.9	1.2			
Total Cyanide mg/l	less than .005	less than .005	less than .005	less than .005			
Phenol mg/l	less than .001	less than .001	.002	.002	BA=Boiler Ash FS=Furnace Slag		
Chloride mg/l	1.	X	1.	X			
Total Dissolved Solids mg/l	279.	12,010.	559.	896.			
Fluoride mg/l	0.14	0.65	less than 0.05	less than 0.05			
Sulfate mg/l	142.	200.	5.0	9.0			
Chemical Oxygen Demand mg/l	5.	215.	less than 5.	82.			
Arsenic mg/l	less than .02	.12	less than .02	.03			

# THE MOGUL CORPORATION

Enviroservice Programs

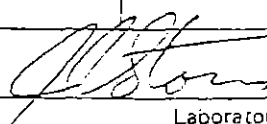
## ANALYTICAL REPORT

Company: Canton Drop Forging SIC Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Laboratory Reference No: 8367  
 City, State and Zip: Canton, OH Date Collected: Not Given  
 Attention: \_\_\_\_\_ Date Received: 1/16/79  
 Date Analyzed: available upon request

PARAMETERS & UNITS	SAMPLES						
	BA-1 A & B 24 hour in water	BA-2 A & B 24 hour in <u>0.1HCl</u>	FS-1 A & B 24 hour in water	FS-2 A & B 24 hour in <u>0.1HCl</u>			
Cadmium mg/l	less than 0.02	<u>0.10</u> 0.05	less than 0.02	<u>0.10</u> 0.03			
Total Chromium mg/l	less than 0.01	0.24	less than 0.01	0.04			
Total Iron mg/l	0.80	930.	less than 0.05	3.40			
Copper mg/l	0.03	37.5	0.03	18.5			
Mercury ppb	0.5	0.5	1.0	2.4			
Selenium mg/l	less than .002	less than .002	less than .002	less than .002			
Barium mg/l	less than 0.1	less than 0.1	less than 0.1	less than 0.1			
Lead mg/l	less than 0.1	less than 0.1	less than 0.1	less than 0.1			
Zinc mg/l	0.05	0.71	0.03	0.17			

CDF001851

Signature



Laboratory Manager

THE CANTON DROP FORGING & MFG. CO.

It... '9



4575 SOUTHWAY STREET, S. W.  
P. O. BOX 6902  
CANTON, OHIO 44706



(216) 477-4511

March 13, 1979

Mr. Lynn Clark  
Ohio E P A  
Northeast District Office  
2110 E. Aurora Rd.  
Twinsburg, OH 44087

Dear Mr. Clark:

Enclosed is a copy of Leachate Tests of our boiler ash and furnace slag. The tests were performed by J. C. Story of The Mogul Corp. in order to determine whether they qualify as exempt materials. This was mentioned in Item #3 in my letter of January 3, 1979.

If you have any questions regarding the results of the tests, please contact Mr. Albert Yeats of the Mogul Corp..

Very truly yours,

THE CANTON DROP FORGING & MFG. CO.

Carl F. Cavender - President

CFC/m  
encl.

DROP FORGINGS FOR PARTICULAR USERS SINCE 1903

CDF001852

March 6, 1979

TO: Mr. Carl F. Cavender  
President  
Canton Drop Forging & Mfg. Co.

FROM: Albert R. Yeats, P.E., Senior Project Engineer  
The Mogul Corporation

SUBJECT: Leachate Tests on Selected Solid Waste Materials

REFER: Your P.O. #60163, dated 12-19-78

Materials Tested: Boiler Ash (BA-1 & 2)  
Furnace Slag (FS-1 & 2)

- 1). Data sheets #8367, attached, list the laboratory analytical results for the leachates from each of the above materials.
- 2). Leachate tests were performed as per the instructions outlined by Mr. Robert E. Brown, P.E., Office of Land Pollution Control, and issued by Mr. Lynn Clark, P.E., N.E. District Office, Ohio EPA. Only Test #1, calling for a 24-hour contacting time in both distilled water and 0.1 N. hydrochloric acid, was performed at this time.
- 3). In general, the leachate quality was within allowable concentration limits when compared with proposed extract levels of ten (10) times the EPA National Interim Primary Drinking Water Standards. The concentration of two parameters, copper and mercury, are borderline however. Since the leachate water was highly acidic (pH = 1.2 and 1.4), the normal extractions when exposed to ordinary run-off water should be less, and therefore acceptable.
- 4). Perhaps additional leachate tests should be performed, using additional sample materials, to expand and verify these findings and conclusions.

CDF001853



Canton Drop Forging

Canton, OH

8887

Not Given

1/16/79

available upon request

	BA-1 A & B 24 hour in water in <u>0.1N HCl</u>	BA-22 A & B 24 hour in water in <u>0.1N HCl</u>	FS-3 A & B 24 hour in water in <u>0.1N HCl</u>	FS-2 A & B 24 hour in water in <u>0.1N HCl</u>
pH	7.4	1.4	5.9	1.2
Total Cyanide mg/l	less than .005	less than .005	less than .005	less than .005
Phenol mg/l	less than .001	less than .001	.002	.002
Chloride mg/l	1.	X	1.	X
Total Dissolved Solids mg/l	279.	12,010.	559.	896.
Fluoride mg/l	0.14	9.65	less than 0.05	less than 0.05
Sulfate mg/l	142.	200.	5.0	9.0
Chemical Oxygen Demand mg/l	5.	215.	less than 5.	82.
Arsenic mg/l	less than .02	.12	less than .02	.03

*Ar. Syate*

Canton Drop Forging

Canton, OH

8367

Not Given

1/16/79

available upon request

	BA-1 A & B 24 hour in water	BA-2 A & B 24 hour in water	FS-1 A & B 24 hour in water	FS-2 A & B 24 hour in water
	less than 0.02	less than 0.05	less than 0.02	less than 0.03
Cadmium mg/l				
	less than 0.01		less than 0.01	0.04
Total Chromium mg/l		0.24		
	0.80	930.	less than 0.05	3.40
Total Iron mg/l				
Copper mg/l	0.03	37.5	0.03	18.5
	0.5	0.5	1.0	2.4
Mercury ppb				
	less than .002	less than .002	less than .002	less than .002
Selenium mg/l				
	less than 0.1	less than 0.1	less than 0.1	less than 0.1
Barium mg/l				
	less than 0.1	less than 0.1	less than 0.1	less than 0.1
Lead mg/l				
Zinc mg/l	0.05	0.71	0.03	0.17

*On Request*

U.S. ENVIRONMENTAL PROTECTION AGENCY  
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

Item #11

I. INSTALLATION'S EPA I.D. NO.

II. NAME OF INSTALLATION

III. INSTALLATION MAILING ADDRESS

IV. LOCATION OF INSTALLATION

PLEASE PLACE LABEL IN THIS SPACE

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

## FOR OFFICIAL USE ONLY

COMMENTS	
C	

INSTALLATION'S EPA I.D. NUMBER	APPROVED	DATE RECEIVED (yr., mo., & day)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00		

I. NAME OF INSTALLATION

The Canton Drop Forging and Mfg. Co.

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

3 4 5 7 5 Southway St. SW Box 6902

CITY OR TOWN

4 Canton

ST. OH

ZIP CODE 44706

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

5 SAME

CITY OR TOWN

6 Canton

ST. OH

ZIP CODE 44706

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)

2 Engle Marling Maintenance Supr

PHONE NO. (area code & no.)

216-477-4511

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

8 The Canton Drop Forging and Mfg. Co.

B. TYPE OF OWNERSHIP (enter the appropriate letter into box)

F = FEDERAL  
M = NON-FEDERAL

M

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

☒ A. GENERATION  
☐ B. TRANSPORTATION (complete item VII)  
☐ C. TREAT/STORE/DISPOSE  
☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR  
☐ B. RAIL  
☐ C. HIGHWAY  
☐ D. WATER  
☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA I.D. Number in the space provided below.

☒ A. FIRST NOTIFICATION  
☐ B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.



**Ohio EPA**

Re: Solid Waste  
Stark County  
RCRA Inventory

8, ~~8~~

Mr. R. Rebillot, Chief Engineer  
Canton Drop Forging & Manufacturing Company  
4575 Southway, S.W.  
Canton, Ohio 44706

March 11, 1981

Gentlemen:

The Office of Land Pollution Control, Northeast District Office of the Ohio Environmental Protection Agency, is presently conducting a survey of industrial waste disposal practices in those counties within our jurisdiction. The results of this survey will be used for the purpose of implementing an inventory of industrial waste disposal sites, as mandated by the Resource Conservation and Recovery Act (RCRA). On site and off site facilities will later be evaluated in accordance with criteria published in Volume 44, No. 179, of the Federal Register.

For our information, please briefly answer the questions on the enclosed form, and return to the address given below as soon as possible. Use additional paper if necessary. Thank you for your cooperation. If you have any questions or comments, please contact this office.

Sincerely,



Mark F. Schmidt  
Environmental Scientist  
Office of Land Pollution Control

MFS:psj

Enclosure

cc: Mr. Tim Krichbaum, Central Office

PS Form 3811, AUG. 1978  
PS Form 3811, AUG. 1978

● **SENDER:** Complete item 1, 2, and 3.  
Add your address in the **RETURN TO** space on reverse.

1. The following service is requested (check one).  
☒ Show to whom and date delivered.  
☐ Show to whom, date, and address of delivery.  
☐ **RESTRICTED DELIVERY**  
 Show to whom and date delivered.  
☐ **RESTRICTED DELIVERY**  
 Show to whom, date, and address of delivery.  
 (CONSULT POSTMASTER FOR FEES)

2. **ARTICLE ADDRESSED TO:** Ohio EPA  
 Ofc. of Land Pollution Control  
 2110 E. Aurora Road  
 Twinsburg, Ohio 44087

3. **ARTICLE DESCRIPTION:**  
 REGISTERED NO. CERTIFIED NO. INSURED NO.  
 1023375

(Always obtain signature of addressee or agent)

I have received the article described above.  
 SIGNATURE ☐ Addressee ☐ Authorized agent  
*C. Lehman*

4. DATE OF DELIVERY: 4-23-81

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

POSTMARK  
 1001  
 APR 23 1981  
 DDV

CHECK'S  
 INITIALS

☆ GPO : 1978-272-932

RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED -  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

SENT TO Ohio EPA - Ofc. of  
 Land Pollution Control  
 2110 E. Aurora Road  
 P.O. STATE AND ZIP CODE  
 Twinsburg, Ohio 44087

POSTAGE

CERTIFIED FEE	
SPECIAL DELIVERY	
RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	
DELIVERY	
SHOW TO WHOM AND DATE DELIVERED	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	
RESTRICTED DELIVERY	
RETURN RECEIPT SERVICE	
OPTIONAL SERVICES	
CONSULT POSTMASTER FOR FEES	
TOTAL POSTAGE AND FEES	

POSTMARK ON DATE

MAIL  
 P19 1023375

PS Form 3800, Apr. 1976

CDFO01859

1981 INDUSTRIAL WASTE SURVEY

Company Name: The Canton Drop Forging & Mfg. Co.

ATTACHMENT SHEET for B

B. Description of wastes currently produced.

<u>Waste name</u>	<u>quantity generated</u>	<u>solid, sludge</u> <u>liquid hazardous</u>	<u>on - or</u> <u>off-site</u> <u>disposal</u>	<u>method (pit,</u> <u>incinerator,</u> <u>landfill</u>
Boiler ash	75 to 80 Ton/mo	Solid	Off	Landfill
Boiler Scrubber Sludge	65 to 75 Ton/mo	Sludge	Off	Landfill
Demolition wastes (bricks, concrete, wood, etc.) and forging scale	Unknown	Solid	On	Landfill
General Trash (rags, wood, paper, etc.)	108 cu. yd/mo	Solid	Off	Landfill
Waste Oil	apprx. 1700 to 1900 gal/mo (based on purchases)	Liquid	Off	Reclaim
Waste Oil Sludge	apprx. 2500 gals/yr	Sludge	Off	Reclaim
Pickle Liquor	5000 to 10000 gals. per yr.	Liquid Hazardous	Off	Unknown

1981 INDUSTRIAL WASTE SURVEY

Company Name: The Canton Drop Forging & Mfg. Co.

ATTACHMENT SHEET for C.

	<u>Hauler's Name &amp; Address</u>	<u>Dump Site</u>
General Trash	Buckeye Sanitation 5040 Quincy N. W. Canton, OH 44708	Breitenstine Landfill 8113 Waynesburg Dr. S.E. Waynesburg, OH 44688
Scrubber Sludge	Carl Pandoli 4875 Aurora N. W. Canton, OH 44708	Breitenstine Landfill 8113 Waynesburg Dr. S.E. Waynesburg, OH 44688
Ashes	R. E. Slutz Trucking 512 - 45th St. S. W. Canton, OH	Breitenstine Landfill 8113 Waynesburg Dr. S. E. Waynesburg, OH 44688
Reclaimable Oil	Northway Environmental Services 4213 North Bend Rd. Ashtabula, OH 44004	Recycled through Sister Co. Sunray R & R Inc. <i>Recycle Rec</i>
Waste Oil Sludge	Northway Environmental Services 4213 North Bend Rd. Ashtabula, OH 44004	(a) 6770 Rt 307 West Harpersfield, OH (b) W. 4th St. - Cleveland, OH (c) Breitenstine Landfill
Pickle Liquor	Industrial Wastes Corp. P.O. Box 222 New Brighton, PA 15066	Darlington, Twp. Penna.



1981 INDUSTRIAL WASTE SURVEY

Randustrial Corporation only conducts an office and sales operation and, therefore, does not have a waste control problem.

A. Company Information

1. Company Name:

2. Company Address:

3. County in which company located:

4. Name of person responding to survey:

Telephone: ( )

B. Description of wastes currently produced:

<u>waste name</u>	<u>quantity generated</u>	<u>solid, sludge</u> <u>liquid, hazardous</u>	<u>on-or</u> <u>off-site</u> <u>disposal</u>	<u>method (pit,</u> <u>incinerator,</u> <u>landfill</u>
-------------------	---------------------------	--	--	---

C. Off-site: Give haulers name and address, and site of ultimate disposal, for each of the above listed wastes.

D. Closed sites: Give waste descriptions and approximate quantities for any wastes previously disposed in a now closed or inactive on-site facility. Give dates site used and closed.

E. If you were unable to answer any above questions because the information is considered confidential by your company, indicate this here and we will contact you personally.

1981 INDUSTRIAL WASTE SURVEY

A. Company Information

1. Company Name:

2. Company Address:

3. County in which company located:

4. Name of person responding to survey:

Telephone: ( ) -

B. Description of wastes currently produced:

<u>waste name</u>	<u>quantity generated</u>	<u>solid, sludge</u> <u>liquid, hazardous</u>	<u>on-or</u> <u>off-site</u> <u>disposal</u>	<u>method (pit,</u> <u>incinerator,</u> <u>landfill</u>
-------------------	---------------------------	--	--	---

C. Off-site: Give haulers name and address, and site of ultimate disposal, for each of the above listed wastes.

D. Closed sites: Give waste descriptions and approximate quantities for any wastes previously disposed in a now closed or inactive on-site facility. Give dates site

E. If you were unable to answer any above questions because the information is considered confidential by your company, indicate this here and we will contact you personally.

cc:

Item #13

**Ohio EPA**

DO NOT  
DESTROY!  
IMPORTANT

Mr. Carl F. Cavender  
Canton Drop Forging  
& Manufacturing Company  
4575 Southway Street, S.W.  
Canton, Ohio 44706

October 16, 1981

Dear Mr. Cavender:

Thank you for your letter and Petition of June 3, 1981 requesting an order of exemption under R.C. Section 3734.02(G) for a permit for the disposal of brick-bats, concrete, and wood pallets.

I believe that the brick-bats and concrete, as you have described them, do not meet the definition of "solid wastes" for the purpose of Ohio Administrative Code Chapter 3745-27. OAC Rule 3745-27-01(U) defines "solid wastes" for the purpose of the permit requirements. Specifically excluded from that definition are bricks and concrete from demolition operations that were affixed to the structure.

Since the brick-bats and concrete from your facility are materials from the demolition of the furnaces and floor, I believe that it is quite clear that they fall within the exclusions to "solid waste". Therefore, the disposal of the brick-bats and concrete are not subject to the permit requirements of OAC Chapter 3745-27.

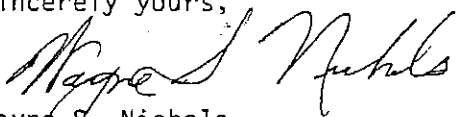
However, I do not believe that the wooden pallets fall within the exclusions to "solid waste". As I understand the usage of the wood pallets, they are portable wood platforms used for the storage of materials. They are not part of the structure in the demolition process.

Since the wood pallets are of a sporadic and limited volume, I do not believe your proposed method of disposal would adversely affect the public health, safety, or the environment. Accordingly, I will issue Findings and Orders exempting the disposal of the wood pallets from the requirements of OAC Chapter 3745-27.

*Where the  
disposal?  
yes  
See Item #14  
W. S. Nichols  
10/22/81*

If you have any questions, please feel free to contact myself or Ben L. Pfefferle III of my legal staff.

Sincerely yours,



Wayne S. Nichols  
Director

cc: Dan Redman  
Stephen A. Reilly, Esq.

CDF001864

to  
Bill Evera  
for issue  
10/19/81  
item #1

In the Matter of:

CANTON DROP FORGING  
& MANUFACTURING COMPANY  
4575 Southway Street, S.W.  
Box 6902  
Canton, Ohio 44706

Director's Final Findings  
and Orders

Pursuant to Ohio Revised Code Section 3734.02(G),  
the Director of Environmental Protection hereby makes  
the following Findings and issues the following  
Orders:

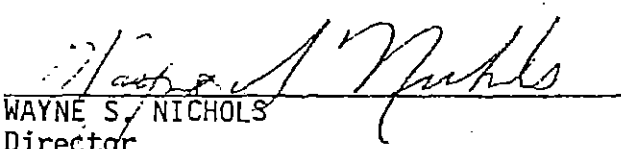
FINDINGS

1. The Canton Drop Forging & Manufacturing Company ("Applicant") operates a facility in Canton, Ohio.
2. On or about June 3, 1981 Applicant submitted a Petition to the Director of Environmental Protection requesting that demolished "brick-bats", "concrete", and "wood pallets" generated at Applicant's facility in Canton, Ohio be exempt from the permit requirements of R.C. Section 3734.02 and Ohio Administrative Code Chapter 3745-27.
3. Brick-bats are pieces of brick which result from the destruction of floors in Applicant's furnaces.
4. The concrete results from the destruction of the floors in Applicant's facilities.
5. The brick-bats and concrete are items affixed to the facility which are demolished.
6. The wooden pallets are not and have not been affixed to the structure and are not part of the demolished structure.
7. The volume of demolished brick-bats, concrete, and wood pallets is very small and generated sporadically.
8. The proposed disposal site for the demolished brick-bats, concrete, and wood pallets is adequate.
9. The brick-bats and concrete are part of the demolition of the structure and are not solid wastes for purposes of OAC Chapter 3745-27 and Revised Code Section 3734.02.

10. The wooden pallets are solid wastes for purposes of OAC Chapter 3745-27 and Revised Code Section 3734.02.
11. The proposed disposal of the wood pallets will not likely adversely affect the public health or safety or the environment.

ORDERS

1. Applicant is hereby ordered exempt from the provisions of OAC Chapter 3745-27 and Revised Code Section 3734.02 for the disposal of the wood pallets at its Canton facility.

  
\_\_\_\_\_  
WAYNE S. NICHOLS  
Director

  
\_\_\_\_\_  
Date

**RECEIVED**

JUN 16 1983

CANTON DROP FORGE

CDF001866